

## Clouds and the Earth's Radiant Energy System CERES Publications for 2015

- Adebiyi, A. A., Zuidema, P., & Abel, S. J. (2015). The Convolution of Dynamics and Moisture with the Presence of Shortwave Absorbing Aerosols over the Southeast Atlantic. *Journal of Climate*, 28(5), 1997–2024.  
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- Bellomo, K., Clement, A. C., Mauritsen, T., Rädel, G., & Stevens, B. (2015). The influence of cloud feedbacks on equatorial Atlantic variability. *Journal of Climate* (In Press). <http://doi.org/10.1175/JCLI-D-14-00495.1>
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- Brindley, H., Bantges, R., Russell, J., Murray, J., Dancel, C., Belotti, C., & Harries, J. (2015). Spectral Signatures of Earth's Climate Variability over 5 Years from IASI. *Journal of Climate*, 28(4), 1649–1660.  
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- Guillod, B. P., Orlowsky, B., Miralles, D. G., Teuling, A. J., & Seneviratne, S. I. (2015). Reconciling spatial and temporal soil moisture effects on afternoon rainfall. *Nature Communications*, 6. <http://doi.org/10.1038/ncomms7443>
- Ham, S.-H., Kato, S., Barker, H. W., Rose, F. G., & Sun-Mack, S. (2015). Improving the modelling of short-wave radiation through the use of a 3D scene construction algorithm. *Quarterly Journal of the Royal Meteorological Society*, (In Press). <http://doi.org/10.1002/qj.2491>
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- He, J., Zhang, Y., Glotfelty, T., He, R., Bennartz, R., Rausch, J., & Sartelet, K. (2015). Decadal simulation and comprehensive evaluation of CESM/CAM5.1 with advanced chemistry, aerosol microphysics, and aerosol-cloud interactions. *Journal of Advances in Modeling Earth Systems*, (In Press). <http://doi.org/10.1002/2014MS000360>
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- Shi, X., Liu, X., & Zhang, K. (2015). Effects of pre-existing ice crystals on cirrus clouds and comparison between different ice nucleation parameterizations with the Community Atmosphere Model (CAM5). *Atmos. Chem. Phys.*, 15(3), 1503–1520. <http://doi.org/10.5194/acp-15-1503-2015>
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## Clouds and the Earth's Radiant Energy System CERES Publications for 2014

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## **Clouds and the Earth's Radiant Energy System**

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## **Clouds and the Earth's Radiant Energy System**

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## **Clouds and the Earth's Radiant Energy System**

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